

# National Idling Reduction Network News

May 2012

## SOLICITATIONS FOR FUNDING AND AWARDS

[Brown text indicates a new entry, or updated information, since last month.]

ORGANIZATION	PROJECT	FUNDING	DEADLINE	WEBSITE
Bay Area Air Quality Management District (BAAQMD)	Carl Moyer Memorial Air Quality Standards Attainment Program	\$14 million	First come, first served.	<a href="http://www.baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8">http://www.baaqmd.gov/?sc_itemid=08F9594F-BF34-4A2A-BD38-9A3D0CCFF8F8</a>
North Carolina Department of Environment and Natural Resources	2011 Idle Reduction Devices Rebate Program	<b>\$100,000 (as of May 1, 2012)</b>	First come, first served.	<a href="http://daq.state.nc.us/motor/Rebates/">http://daq.state.nc.us/motor/Rebates/</a>
California Air Resources Board (CARB)	On-Road Heavy-Duty Vehicle Loan Program	~\$48 million for loan guarantees	Rolling deadline until funds are awarded.	<a href="http://www.arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf">http://www.arb.ca.gov/ba/loan/on-road/documents/hdvloanprogram.pdf</a>
Minnesota Pollution Control Agency	Small Business Auxiliary Power Unit (APU) Loan Program	\$110,000	Rolling deadline until funds are awarded.	<a href="http://www.pca.state.mn.us/index.php/topics/small-business-environmental-assistance-program/small-business-ombudsman/small-business-auxiliary-power-unit-apu-loan-program.html">http://www.pca.state.mn.us/index.php/topics/small-business-environmental-assistance-program/small-business-ombudsman/small-business-auxiliary-power-unit-apu-loan-program.html</a>
Metropolitan Washington Council of Governments (COG), in collaboration with the District Department of the Environment, the District Department of Transportation, and the Maryland Department of the Environment	Driver Recognition Program—Diesel Idle Reduction Campaign	N/A	Rolling deadline—the 15th of every month.	<a href="http://www.turnyourengineoff.org/campaign_recognition.html">http://www.turnyourengineoff.org/campaign_recognition.html</a>
Utah Department of Environmental Quality	Utah Clean Diesel Program	Indeterminate	Rolling deadline until funds are awarded.	<a href="http://www.cleandiesel.utah.gov/">http://www.cleandiesel.utah.gov/</a>
Arkansas Department of Environmental Quality	Business Assistance Program, Environmental Loans for Small Businesses	Indeterminate	N/A	<a href="http://www.adeq.state.ar.us/poa/sba/envloans.htm">http://www.adeq.state.ar.us/poa/sba/envloans.htm</a>

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U.S. Environmental Protection Agency (EPA)	National Clean Diesel Funding Assistance Program, FY 2012 Request for Proposals	~\$20 million	June 4, 2012	<a href="http://www.epa.gov/air/grants/rfp-epa-oar-otaq-12-05.pdf">http://www.epa.gov/air/grants/rfp-epa-oar-otaq-12-05.pdf</a>
Maryland Energy Administration	Maryland Idle Reduction Grant Program	\$225,000	June 15, 2012	<a href="http://energy.maryland.gov/Transportation/idle/">http://energy.maryland.gov/Transportation/idle/</a>
<b>U.S. Department of Energy (DOE) Office of Energy Efficiency and Renewable Energy (EERE)</b>	<b>Implementation Initiatives to Advance Alternative Fuel Markets</b>	<b>\$5 million</b>	<b>June 18, 2012</b>	<a href="http://www1.eere.energy.gov/cleancities/financial_opps_detail.html?sol_id=522">http://www1.eere.energy.gov/cleancities/financial_opps_detail.html?sol_id=522</a>
<b>Northwest Clean Air Agency</b>	<b>Greenhouse Gas Reduction Project</b>	<b>~\$3.4 million</b>	<b>June 29, 2012, letter of intent; July 31, 2012, proposals</b>	<a href="http://www.nwcleanair.org/climateChange/GHG Mitigation.htm">http://www.nwcleanair.org/climateChange/GHG Mitigation.htm</a>
Cascade Sierra Solutions	Shorepower Truck Electrification Project (STEP) Rebate Program	Rebates for battery HVAC systems are the only remaining	July 1, 2012 (estimated)	<a href="https://csswebform.org/WebForm/TSE_home.aspx">https://csswebform.org/WebForm/TSE_home.aspx</a>
New York State Energy Research and Development Authority (NYSERDA)	2011 Electric Vehicle Supply Equipment (EVSE) Demonstration and Support Program	~\$4 million	July 25, 2012	<a href="http://www.nysesda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities/PON-2301-2011-Electric-Vehicle-Supply-Equipment-EVSE-Demonstration-and-Support-Program.aspx">http://www.nysesda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities/PON-2301-2011-Electric-Vehicle-Supply-Equipment-EVSE-Demonstration-and-Support-Program.aspx</a>
Ohio EPA	Clean Diesel School Bus Fund Retrofit Grants Program	\$300,000	September 1, 2012	<a href="http://www.epa.ohio.gov/oef/schoolbus.aspx">http://www.epa.ohio.gov/oef/schoolbus.aspx</a>

## AWARDS AND RECOGNITION

RECIPIENT	SOURCE OF FUNDING	PURPOSE OF GRANT	FUNDING
Conway School District (Conway, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 5 school buses	\$20,126
Curlew School District (Curlew, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 5 school buses	\$14,233
Entiat School District (Entiat, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 5 school buses	\$19,681
La Conner School District (La Conner, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 14 school buses	\$57,916
Lakewood School District (Lakewood, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 24 school buses	\$96,520
Lind School District (Lind, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 8 school buses	\$46,978
Medical Lake School District (Davenport, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 2 school buses	\$7,916
Methow Valley School District (Winthrop, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 12 school buses	\$36,537
Mount Vernon School District (Mount Vernon, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 35 school buses	\$118,196
Oak Harbor School District (Oak Harbor, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 38 school buses	\$142,491
Renton School District (Renton, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 47 school buses	\$135,929
Wapato School District (Wapato, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 2 school buses	\$10,817
White Salmon School District (White Salmon, Washington)	Washington Department of Ecology	Installation of idling reduction equipment on 12 school buses	\$53,432
Puget Sound Clean Air Agency	Washington Department of Ecology	Installation of idling reduction equipment on cargo-handling equipment at Port of Seattle terminals	\$287,200
Puget Sound Clean Air Agency	Washington Department of Ecology	Installation of idling reduction equipment on cargo-handling equipment at Port of Tacoma terminals	\$228,150

## Accolades for Energy Xtreme’s Independence Package

Energy Xtreme (Austin, Texas), which specializes in providing “engine-off” electrical power for work vehicles, recently received two honors. The company’s Independence Package garnered an Edison Award (Silver) in the competition’s Energy and Sustainability category. Edison awards recognize innovation and excellence in the development, marketing, and launch of new products and services. The Independence Package was also named a finalist in the 2012 American Business Award in the category *Best New Product or Service, Business to Business*.

Energy Xtreme’s Independence Package series allows police cruisers to operate electrical loads, such as lights, radios, and computers, from a battery power pack. Case-study fact sheets about Energy Xtreme’s partnerships with City of Austin (Texas) Public Works Department (2009), the Dallas (Texas) Police Department (2009), and, most recently, the Maryland Department of Public Safety and Correctional Services are available at <http://www.energyxtreme.net/resources/case-studies>.

The links [http://www.edisonawards.com/BestNewProduct\\_2012.php](http://www.edisonawards.com/BestNewProduct_2012.php) and [http://www.stevieawards.com/pubs/awards/403\\_2654\\_21626.cfm](http://www.stevieawards.com/pubs/awards/403_2654_21626.cfm) contain more information about the awards.

## REPORTS AND OTHER RESOURCES OF INTEREST

SOURCE	TITLE	WEBSITE OR CONTACT
Environmental Science and Technology	Public Health Impacts of Combustion Emissions in the United Kingdom	<a href="http://pubs.acs.org/doi/abs/10.1021/es2040416">http://pubs.acs.org/doi/abs/10.1021/es2040416</a>
Idle-Free VT	Idle-Free for Fleet\$	<a href="http://idlefreevt.org/powerpoint/idle-free_for_fleets.8.11.pptx">http://idlefreevt.org/powerpoint/idle-free_for_fleets.8.11.pptx</a>
NYSERDA	Demonstration of Locomotive Idle Reduction Technology for NYS Short Line Railroads	<a href="http://www.dieselwarming.com/nyserda/docs/Short%20line%20DWS%20Demonstration%20Project%20Summary%20and%20Case%20Studies.pdf">http://www.dieselwarming.com/nyserda/docs/Short%20line%20DWS%20Demonstration%20Project%20Summary%20and%20Case%20Studies.pdf</a>
Portland Air Toxics Solutions Advisory Committee	Portland Air Toxics Solutions Report and Recommendations: Fact Sheet	<a href="http://www.deq.state.or.us/aaq/factsheets/12aaq035patsReport.pdf">http://www.deq.state.or.us/aaq/factsheets/12aaq035patsReport.pdf</a>
Texas Transportation Institute (TTI)	Development of a NOx Verification Protocol and Actual Testing of Onboard Idle Reduction Technologies	<a href="http://tse.tamu.edu/pdfs/Zietsman_IRT_Verification_Protocol_Final_Report_Revised.pdf">http://tse.tamu.edu/pdfs/Zietsman_IRT_Verification_Protocol_Final_Report_Revised.pdf</a>
Transportation Research Board (TRB) Airport Cooperative Research Program	Handbook for Evaluating Emissions and Costs of APUs and Alternative Systems	<a href="http://onlinepubs.trb.org/onlinepubs/acrp/acrp_rpt_064.pdf">http://onlinepubs.trb.org/onlinepubs/acrp/acrp_rpt_064.pdf</a>
TRB Airport Cooperative Research Program	Measurement of Gaseous HAP Emissions from Idling Aircraft as a Function of Engine and Ambient Conditions	<a href="http://onlinepubs.trb.org/onlinepubs/acrp/acrp_rpt_063.pdf">http://onlinepubs.trb.org/onlinepubs/acrp/acrp_rpt_063.pdf</a>

## UPCOMING MEETINGS AND EVENTS

[Brown text indicates a new entry since last month]

MEETING	LOCATION	DATE	WEBSITE OR CONTACT
Government Fleet Expo & Conference (GFX)	Denver, Colorado	June 18–20, 2012	<a href="http://www.governmentfleetexpo.com/">http://www.governmentfleetexpo.com/</a>
<b>Idle Reduction Technology for Light, Medium Duty and Emergency Fleets</b>	<b>Tulsa, Oklahoma</b>	<b>June 26, 2012</b>	<a href="http://tulsacleanities.com/meetings/534/">http://tulsacleanities.com/meetings/534/</a>
<b>CARB Public Hearing To Consider Approval of the Proposed AB 118 Air Quality Improvement Program Funding Plan for Fiscal Year 2012–13</b>	<b>Sacramento, California</b>	<b>June 28, 2012</b>	<a href="http://www.arb.ca.gov/regact/nonreg/aqip2012not.pdf">http://www.arb.ca.gov/regact/nonreg/aqip2012not.pdf</a>
Greener Global Transport: 5th International Environmentally Friendly Vehicle Conference	Baltimore, Maryland	September 10–12, 2012	<a href="http://www.regonline.com/builder/site/default.aspx?EventID=998283">http://www.regonline.com/builder/site/default.aspx?EventID=998283</a>
Hybrid Truck Users Forum (HTUF) National Conference 2012	Charlotte, North Carolina	September 18–20, 2012	<a href="http://htuf2012.org/">http://htuf2012.org/</a>
Green Fleet Conference	Schaumburg, Illinois	October 2–3, 2012	<a href="http://www.greenfleetconference.com/Page/Overview.aspx">http://www.greenfleetconference.com/Page/Overview.aspx</a>
<b>Society of Automotive Engineers (SAE) 2012 Commercial Vehicle Engineering Congress</b>	<b>Rosemont, Illinois</b>	<b>October 2–3, 2012</b>	<a href="http://www.sae.org/events/cve/">http://www.sae.org/events/cve/</a>
Directions in Engine-Efficiency and Emissions Research (DEER) Conference	Dearborn, Michigan	October 16–19, 2012	<a href="http://www1.eere.energy.gov/vehiclesandfuels/resources/conferences/deer/index.html">http://www1.eere.energy.gov/vehiclesandfuels/resources/conferences/deer/index.html</a>
TRB 92nd Annual Meeting	Washington, D.C.	January 13–17, 2013	<a href="http://www.trb.org/AnnualMeeting2013/AnnualMeeting2013.aspx">http://www.trb.org/AnnualMeeting2013/AnnualMeeting2013.aspx</a>
<b>SAE Government/Industry Meeting (in conjunction with the Washington, D.C., Auto Show)</b>	<b>Washington, D.C.</b>	<b>January 31–February 1, 2013</b>	<a href="http://www.sae.org/events/gim/">http://www.sae.org/events/gim/</a>

## MANUFACTURERS' NEWS

### Bergstrom Licenses Use of NITE Technology to Cummins Crosspoint

Bergstrom Inc. (Rockford, Illinois) and Cummins Crosspoint LLC (Indianapolis, Indiana) have established a collaborative agreement for

Bergstrom to license patents on its no-idle NITE technology to Cummins Crosspoint. While the agreement pertains mostly to battery-powered APU-

related technologies, the two companies intend to explore additional technology, marketing, and distribution collaborations.

Cummins Crosspoint recently acquired ClimaCab assets and technology, formerly owned by California-based Glacier Bay, Inc. In 2008, Bergstrom filed a patent-infringement lawsuit against Glacier Bay. With Cummins Crosspoint's acquisition of ClimaCab assets and the technology licensing

agreement with Bergstrom, Bergstrom and Glacier Bay reached a settlement agreement.

Cummins Crosspoint will soon begin to produce battery-powered no-idle systems using the licensed technology. More information is available at <http://us.bergstrominc.com/news/2012/05/17/cummins-crosspoint-purchases-license-to-use-bergstroms-nite-no-idle-technology/>.

## ELECTRIFIED PARKING SPACES

### Giant STEPs Forward

This spring, the Shorepower Truck Electrification Program (STEP) launched a number of new sites. This program is supported by the DOE through the American Recovery and Reinvestment Act and administered by Cascade Sierra Solutions (CSS) in partnership with Shorepower Technologies. Some of the sites most recently opened include:

- Broadway Flying J Travel Plaza in Williams, Iowa (24 electrified truck parking spaces);
- Sapp Bros. Travel Center in Omaha, Nebraska (24 spaces);
- Shoemaker's Shell Travel Center in Lincoln, Nebraska (36 spaces);
- L.W.'s Pilot Travel Plaza in Perry, Utah (24 spaces); and
- Gearjammer Truck Plaza in Union Gap, Washington (24 spaces).

The Shorepower installations enable drivers of trucks equipped with electric-standby capability to turn off their engines during rest periods. For a

\$1 hookup fee and \$1/hour for service, truck drivers can access electric power for HVAC and other needs. The trucks must be equipped with a heavy-duty extension cord. For drivers who want to power additional devices, more advanced connection kits are available. Some Shorepower installations, including Sapp Bros. in Omaha, have higher-voltage (460-V) connections to power trailer refrigeration units (TRUs). (Sapp Bros plans to host a STEP Plug-In Celebration on June 12 and 13, 2012.)

The STEP rebate program managed by CSS is coming to a close. According to the STEP website, battery HVAC systems are the only devices for which rebates are still available, and CSS expects these rebates to be fully allocated by July 2012. All STEP sites are expected to be operational by the end of this year. To see the network of current and planned Shorepower sites, please visit <http://www.the-step-project.org/>.



## Goings On at IdleAir

IdleAir has announced a new hourly price. Beginning on June 1, 2012, the cost of service will be \$2.09 per hour (before local taxes). After 10 hours of continuous service, the hourly fee drops to \$1.49. Prices for broadband services and ancillary products (e.g., keyboards and cables) will remain unchanged. All pricing will remain frozen through at least December 31, 2012. For more information, please go to <http://www.idleair.com/blog/new-prices-frozen-through-2012/>.

On another note, early in May, a White House press release identified IdleAir as one of the companies supporting the U.S. Department of Labor's Summer Jobs+ initiative, a program that serves low-income, at-risk youth. More information is available at <http://www.whitehouse.gov/the-press-office/2012/05/02/we-cant-wait-white-house-announces-nearly-300000-summer-jobs-and-other-e>.

## EDUCATION, OUTREACH, AND CAMPAIGNS

### New York Sound Shore's No Idling Day

On April 23, 2012, the villages of Mamaroneck, Larchmont, and Rye in the Sound Shore area of New York staged a No Idling Day. At participating schools, schoolchildren wearing particulate filter masks displayed handmade posters about the health and environmental hazards associated with idling. Parents received information about idling and were invited to sign a no-idling pledge.

The No Idling Day initiative was organized by the environmental committees of the participating villages and the "green committees" of the participating public and private schools. Each of the three villages restricts vehicle idling to 3 minutes or less. (Source and photo courtesy: Bonnie Weinbach, EPA Region 2.)



## ENFORCEMENT

### Idling Enforcement "Crackdown" in Selected NYC Neighborhoods

The New York Department of Environmental Protection (DEP) recently announced a 2-week enforcement crackdown on vehicle idling near schools in neighborhoods with high asthma rates. On May 23, DEP inspectors began

targeted enforcement of "Local Law 5," a 2009 law that limits idling in school zones to 1 minute.

DEP preceded the enforcement blitz by sending informational letters and “Stop Idling” flyers to more than 1,400 New York Department of Education parent coordinators. In neighborhoods with high asthma rates, DEP staff also visited elementary schools and distributed literature to hundreds of parents, teachers, and bus drivers. According to a DEP press release, asthma-related emergency room visits are highest in East Harlem (with 411 visits per 100,000 residents) and in Hunt’s Point-Mott Haven/the Bronx (313 visits per 100,000 residents).

Some environmental groups have expressed frustration with the negligible enforcement of New York City’s 3-year-old idling law. According to CNN, while traffic enforcement agents wrote about 10 million parking tickets in fiscal year 2011, they issued fewer than 3,000 idling citations.

For more information, please go to [http://www.nyc.gov/html/dep/html/press\\_releases/12-32pr.shtml](http://www.nyc.gov/html/dep/html/press_releases/12-32pr.shtml) and [http://www.cnn.com/2012/02/06/health/engines-new-york-law/index.html?hpt=hp\\_bn10](http://www.cnn.com/2012/02/06/health/engines-new-york-law/index.html?hpt=hp_bn10).

## OTHER NEWS OF INTEREST

### CR England Promotion Rewards Fuel Economy, Reduced Idling

What’s the reward for getting good gas mileage and reducing idling? For one CR England (Salt Lake City, Utah) driver, it’s a Harley-Davidson Sportster Iron 883. CR England’s promotion, which ran in the first quarter of 2012, encouraged drivers to improve their fuel economy and reduce idling. The winner of the promotion, company driver Devery Hope, achieved an average of 7.48 miles per gallon (mpg) and a 6.5% idle time. He attributed his success to following the company’s operations and fuel departments’ tips, including progressive shifting, staying in top gear as much as possible, and idling his truck as little as possible.

CR England is the nation’s largest refrigerated trucking company. Its partners in the fuel economy promotion were Golden Spike Harley-Davidson, Warner Truck Center, Horizon Truck and Leasing, Loves Travel Stops, and Pilot Flying J. For more information, please go to <http://www.crengland.com/content/managementservices/pressreleases/pdf/2012-0426-harleydavidson.pdf>. (Photo: Contest winner Devery Hope models his fuel-economy prize with company executives. Photo courtesy of CR England.)





## RECURRING FEATURES

### Currently Available Idling Reduction Equipment

The Alternative Fuels and Advanced Vehicles Data Center (AFDC) of the U.S. DOE's Office of Energy Efficiency and Renewable Energy (EERE) identifies manufacturers of idling reduction equipment and provides links to their websites. More information is available at

[http://www.afdc.energy.gov/afdc/vehicles/idle\\_reduction\\_equipment.html](http://www.afdc.energy.gov/afdc/vehicles/idle_reduction_equipment.html).

For EPA-verified idling reduction technologies in eight categories, please visit EPA's SmartWay Transport website at

<http://www.epa.gov/smartway/technology/idling.htm>.

### Status of the 400-Pound Weight Exemption for Idling Reduction Devices

[Ed. note: The Energy Policy Act of 2005 allowed for a national 400-pound exemption for the additional weight of idling reduction technology on heavy-duty vehicles. Each state can adopt this exemption, at its own discretion, without being subject to any penalty provision related to withholding of highway trust fund monies.] The following table is updated

as we become aware of changes. As time permits, we will provide URLs so that interested parties, such as trucking companies, can work with their state trucking associations to be sure that enforcement officials are aware of changes in the laws. Please feel free to provide us with updates.

State Recognition of the 400-Pound Auxiliary Power Unit Exemption to GVW Limit: 23 CFR 658.17(n)						
<b>Alabama</b>	<i>District of Columbia</i>	<b>Kansas</b>	<b>Mississippi*</b>	<b>New York</b>	<b>South Carolina</b>	<b>West Virginia</b>
<b>Alaska</b>	<b>Florida</b>	<i>Kentucky</i>	<b>Missouri</b>	<i>North Carolina</i>	<b>South Dakota*</b>	<b>Wisconsin</b>
<b>Arizona</b>	<b>Georgia</b>	<b>Louisiana*</b>	<b>Montana*</b>	<b>North Dakota</b>	<i>Tennessee</i>	<b>Wyoming*</b>
<b>Arkansas*</b>	<i>Hawaii</i>	<b>Maine</b>	<b>Nebraska</b>	<b>Ohio*</b>	<b>Texas</b>	
<i>California</i>	<b>Idaho*</b>	<b>Maryland</b>	<b>Nevada*</b>	<b>Oklahoma</b>	<b>Utah*</b>	
<b>Colorado</b>	<b>Illinois</b>	<b>Massachusetts*</b>	<b>New Hampshire</b>	<b>Oregon</b>	<b>Vermont*</b>	
<b>Connecticut</b>	<b>Indiana</b>	<b>Michigan*</b>	<b>New Jersey*</b>	<b>Pennsylvania</b>	<b>Virginia</b>	
<b>Delaware</b>	<b>Iowa*</b>	<b>Minnesota</b>	<b>New Mexico</b>	<i>Rhode Island</i>	<b>Washington</b>	

States in **black** allow the 400-lb weight exemption (asterisk means that the allowance is granted by enforcement policy rather than by state law); states in *gray* do not permit the exemption; and states in **brown** have legislation in process.

## Summary of State and Municipal Idling Regulations

The most current information about idling regulations, for both states and municipalities, is available at [http://www.atrionline.org/research/idling/ATRI\\_Idling\\_Compendium](http://www.atrionline.org/research/idling/ATRI_Idling_Compendium) and [http://www.afdc.energy.gov/afdc/progs/all\\_state\\_summary.cgi?afdc/0](http://www.afdc.energy.gov/afdc/progs/all_state_summary.cgi?afdc/0).

If information for your state or municipality is outdated or erroneous, please let us know. This newsletter is also a place to let people know about possible changes in laws or regulations or the solicitation of comments related to such.

## Incentives and Funding Opportunities for Idling Reduction Projects

The DOE Clean Cities initiative provides a listing of federal and state programs that offer incentives and funding for idling reduction projects. Information can be found at [http://www.afdc.energy.gov/afdc/progs/fed\\_summary.php/afdc/US/0](http://www.afdc.energy.gov/afdc/progs/fed_summary.php/afdc/US/0). Let us know if any information needs to be changed or updated. Additionally, the EPA Diesel Collaboratives offer news of available grant and loan programs. For the Northeast Diesel Collaborative (Regions 1 and 2), see <http://northeastdiesel.org/funding.html>; Mid-Atlantic Diesel Collaborative (Region 3), <http://www.dieselmidatlantic.org/diesel/funding.htm>; Southeast

Diesel Collaborative (Region 4), <http://www.southeastdiesel.org/funding.html>; Midwest Clean Diesel Initiative (Region 5), <http://www.epa.gov/midwestcleandiesel/grants/index.html>; Blue Skyways Collaborative (Regions 6 and 7 plus Minnesota), <http://www.blueskyways.org/funding/index.html>; Rocky Mountain Clean Diesel Collaborative (EPA Region 8), <http://www.epa.gov/region8/air/rmcdc/>; and West Coast Collaborative (EPA Regions 9 and 10 plus Canada and Mexico), <http://www.westcoastcollaborative.org/funding-opportunities.htm>.

## Tools Available To Calculate the Cost of Idling Reduction Equipment

There are a number of tools available to workplace and truck fleet managers, owner-operators, and locomotive engineers to help determine the costs and benefits of paying for and installing idling reduction equipment. A site from Canada that quantifies the costs of workplace idling

is also included. The calculators are provided as tools of possible benefit; their accuracy has not been verified. Any new entry this month is shown in brown. If you are aware of other sources of information that may be of possible interest to newsletter readers, please let us know.

- Argonne National Laboratory (<http://www.transportation.anl.gov/engines/idling.html>—choose a calculator from the right side of the Web page)
- Autotherm (<http://autothermusa.com/wordpress/calculate-idling-costs-savings/>)
- Bergstrom ([http://www.nitesystem.com/html/idle\\_calculator.cfm](http://www.nitesystem.com/html/idle_calculator.cfm))
- DOE Clean Cities program (<https://www.afdc.energy.gov/afdc/prep/index.php>)
- Energy Xtreme (<http://www.energyxtreme.net/resources/calculator>)

- Espar (<http://www.espar.com/html/service/calculator/calculator.html>)
- Fraser Basin Council (<http://web.memberclicks.com/mc/page.do;jsessionid=d0301a9d9869fa88bfd51e50592a377d5d48?sitePageId=40919&orgId=clcc>)
- Hodyon (<http://www.hodyon.com/calculator.aspx>)
- Hotstart (<http://www.hotstart.com/fuel-consumption-calculator/>)
- Idle Free Systems (<http://idlefreesystems.com/no-idle-elimination-solutions-for-sleepers.html>)
- Kenworth (<http://www.kenworth.com>)

- Kohler Power Systems (<http://www.kohlerpower.com/mobile/solutions/apucalculator.htm?sectionNumber=13361&nodeNumber=1&contentNumber=102>)
- LifeForce (<http://lifeforceapu.com/files/LifeforceCalculator.xls>)
- Natural Resources Canada ([http://oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idling\\_impact-workplace.cfm?attr=16](http://oee.nrcan.gc.ca/transportation/tools/calculators/Idling/idling_impact-workplace.cfm?attr=16))
- Odyssey Battery (<http://www.odysseybattery.com/fleet.html>)
- Thermo King (<http://www.thermoking.com/tripac/>)
- Webasto ([http://www.techwebasto.com/calculators/heater/heater\\_fuel\\_calculator\\_us.htm](http://www.techwebasto.com/calculators/heater/heater_fuel_calculator_us.htm))

## Locations of Electrified Parking Spaces

In collaboration with the U.S. Department of Transportation (DOT), the DOE Clean Cities initiative offers a website showing the locations of public truck stops that have idling reduction facilities for heavy-duty trucks. These facilities are currently available in at least 21 states. AireDock, CabAire, EnviroDock, IdleAir, and Shorepower Technologies installations are listed at [http://www.afdc.energy.gov/afdc/progs/tse\\_listings.php](http://www.afdc.energy.gov/afdc/progs/tse_listings.php). Another resource is the EPA SmartWay Interactive Activity Map, which features data from SmartWay Partners, National Transportation Idle-Free Corridors, National

Clean Diesel Campaign Retrofit projects, Clean School Bus USA projects, ethanol (E-85) and biodiesel fueling station projects, and other related sources. The maps enable visualization of the locations of specific fuel consumption and pollution reduction projects. The maps also help users locate the nearest electrified truck stop and the nearest public alternative-fuel filling station. For more information, please go to [http://epamap10.epa.gov/website/irim\\_us\\_map.asp](http://epamap10.epa.gov/website/irim_us_map.asp).

## How To Find Back Issues of *National Idling Reduction Network News*

All issues of *National Idling Reduction Network News* may be found at [http://www.eere.energy.gov/vehiclesandfuels/resources/fcvt\\_national\\_idling.html](http://www.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.html). Additionally, a compendium of all previous issues is available on the site; this PDF file is especially useful for conducting searches of all issues of the newsletter.

Please be mindful that web links may expire or move over time and that some sources require registration. If you have trouble opening a link, try copying and pasting it, or retyping the URL, in your browser window.

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